

# 1993 CHANGE INDEX

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## RESOURCES

**The following are sources of further information about the books, projects, and consulting groups mentioned in the article.**

**Boettcher, Judith, ed.** *101 Success Stories of Information Technology in Higher Education*, New York: McGraw-Hill, Inc., 1993.

**Cartwright, G. Phillip.** *Technology and Higher Education*, Testimony presented to the California Planning Commission for Educational Technology, California Post-Secondary Education Commission, Sacramento, 1991.

**EDUCOM Consulting Group**, 1112 16th St., NW, Washington, DC 20036, (202) 872-4200.

**Susan Clabaugh or Chad McDaniel**, Software Awards, Computer Science Center, Building 224, University of Maryland, College Park, MD, 20742-2411, (301) 405-3604.

**Institute for Academic Technology**, P. O. Box 12017, Research Triangle Park, NC 27709, (919) 560-5031.

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developers and by helping larger numbers of faculty and students to gain access to information technology. Annually, faculty submit software development and implementation project grant requests; these are reviewed by peers and previous grant recipients, and a dozen or so projects are selected for support. Faculty members who receive grants work with other faculty, instructional designers, and programmers to produce computer-based and multimedia projects. In addition to these high-profile projects, the Center for Academic Computing supports classroom technologies and student labs and offers classes in using off-the-shelf or custom packages for teaching and research.

The fruits of this approach are evident in the many awards that Penn State faculty and staff have received over the past few years. Five of the 101 success stories are from Penn State; so are several EUIT winners. A business faculty member, Thomas Fox, received a Zenith Masters of Innovation award for his technology-based Introduction to Economics class. The Association for Computing Machinery Special Interest Group for University and College Computing Services gave top honors to four Penn State projects (Carolyn Lambert, Hotel and Restaurant Management, "Selecting Production Equipment with Computer Simulation"; John Gamble, "Political

Process Exercise"; Nathan Hartwig, "Weed Key and Identification System"; Thomas Smialek, "Multimedia LectureWare for Music Appreciation"). The 1993 Sony/T.H.E. Journal Innovations in Multimedia Award went to a computer/videodisk project (Nathan Hartwig, "Weed Key and Identification System").

Penn State's commitment, backed by a relatively small investment in staff and equipment, has paid big dividends for faculty and students alike.

A third suggestion is to visit a few successful programs. Many colleges and universities have gotten a jumpstart on the development process by sending a team of faculty, staff, and administrators to a place like the Institute for Academic Technology (IAT) at the University of North Carolina-Chapel Hill. The IAT offers a variety of briefings and seminars, ranging from high-level overviews for senior administrators to multi-day, nitty-gritty workshops in multimedia development and implementation. It also offers a series of paper and electronic documents on information-technology topics as well as satellite broadcasts.

Finally, consider bringing in some experts to help you plan or evaluate your information-technology services. EDUCOM offers consulting services that provide independent, objective help and will assist you in selecting a consulting team to fit your needs. □

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